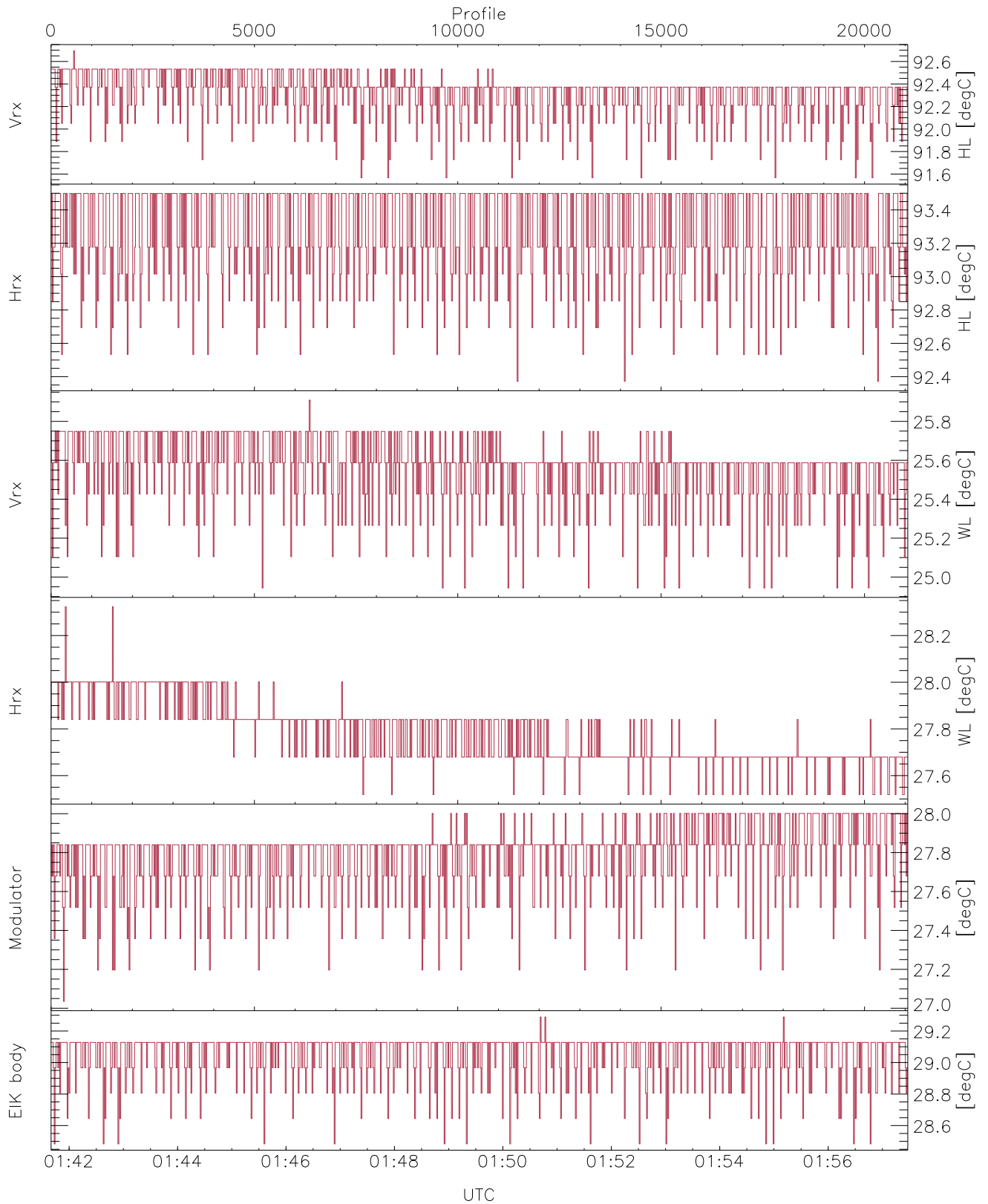


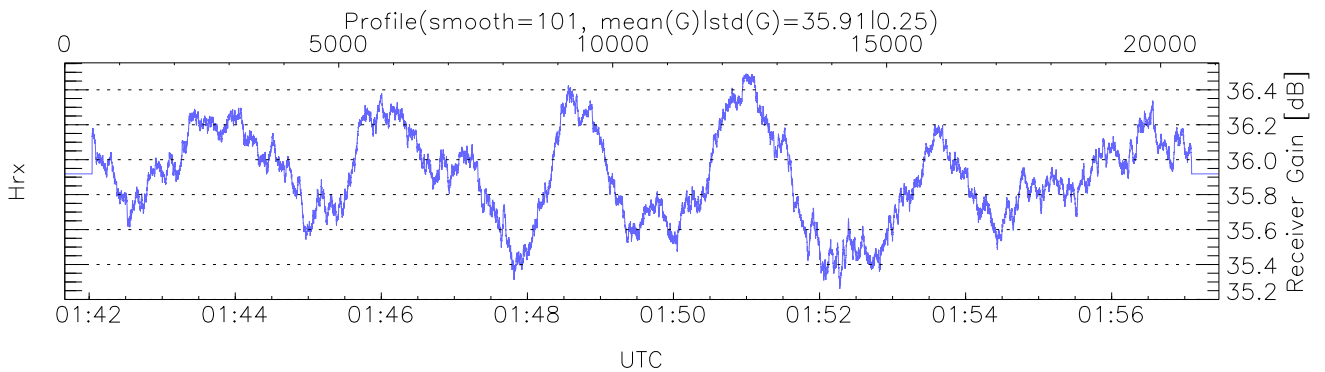
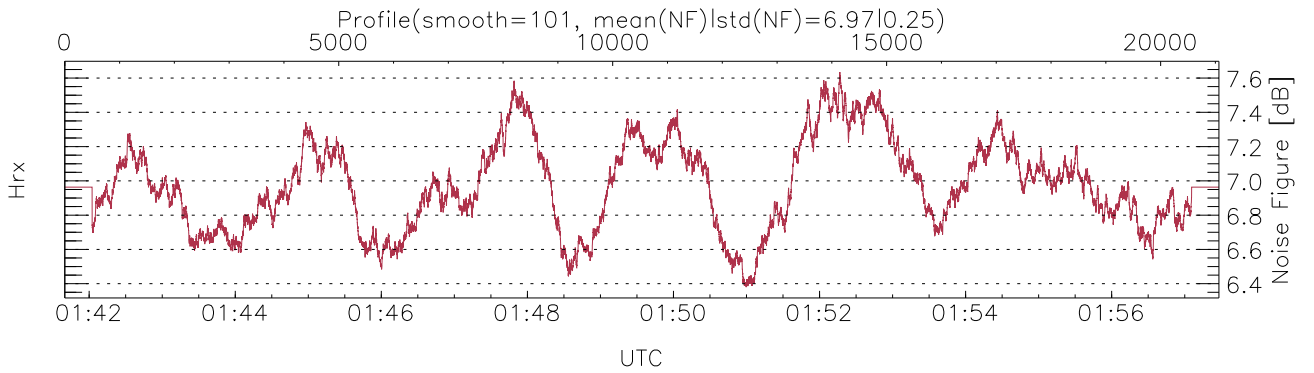
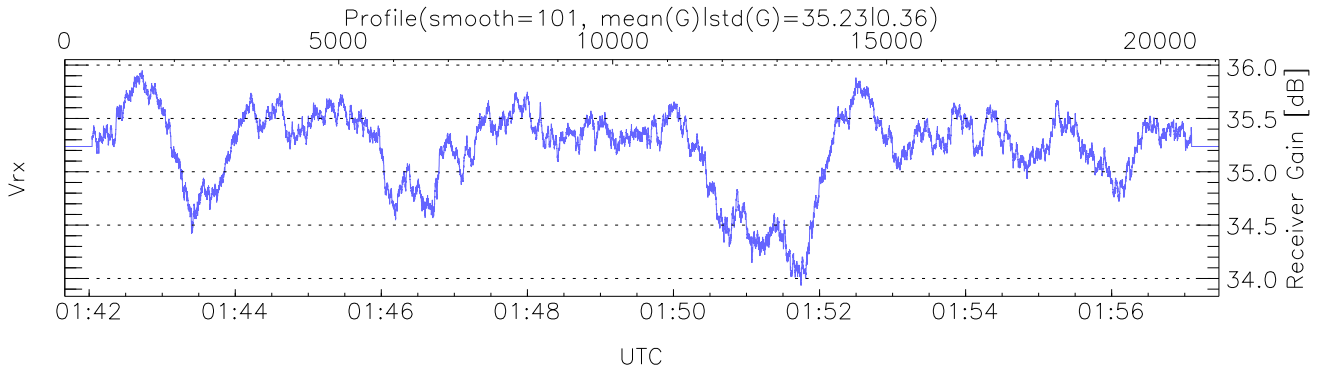
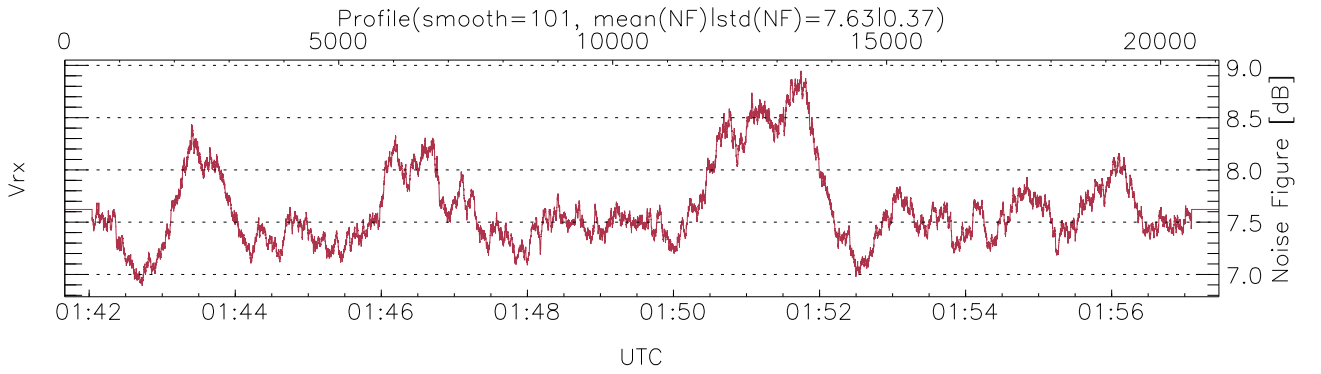
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 01:41:40-01:57:28, TimeCor: 0.00s, Dur: 948.16s  
 TimeFlg: 1, TFPstatus constant.  
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2  
 NumRec(r/t): 21066/21066, 0-21065/01:41:40-01:57:28  
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H1 V2 V2 V2 H2 H2 H2  
 PRF: 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us  
 Range(min,max,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



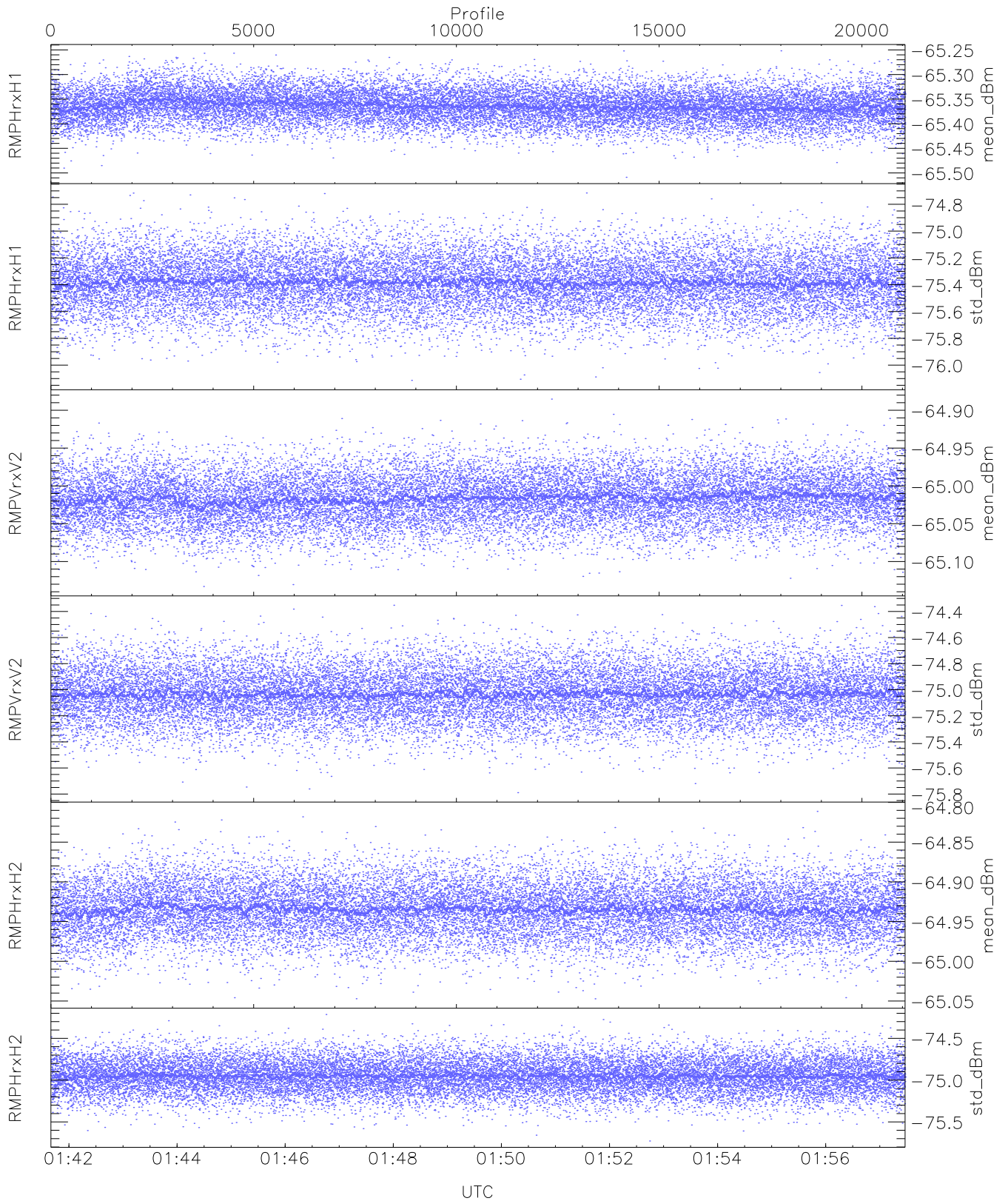
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,27,27,28  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,28,28,29  
LOalarm(20,240,2817,14861 MHz): None  
EIK/Modulator Faults: None



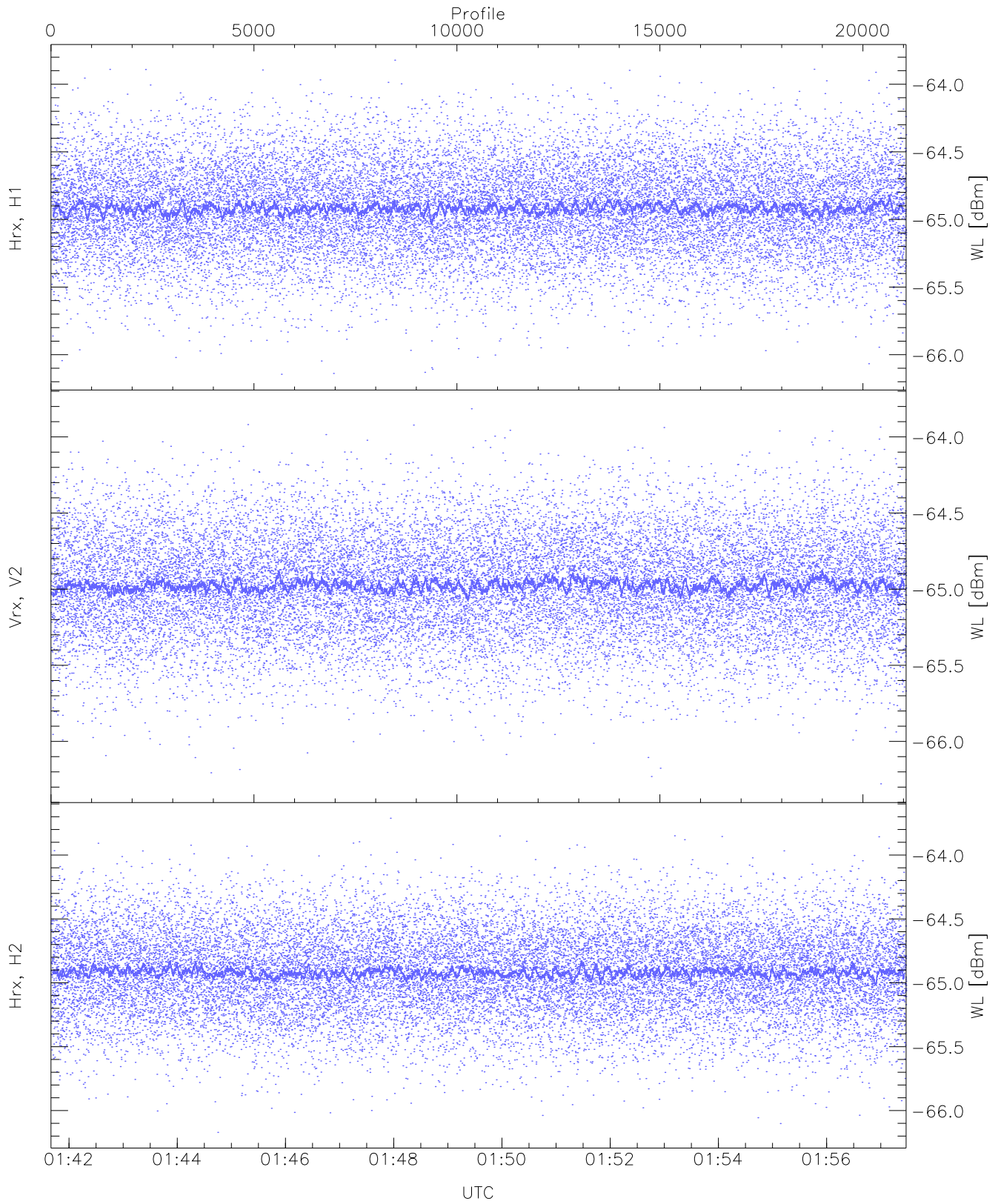
### WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prod(s)



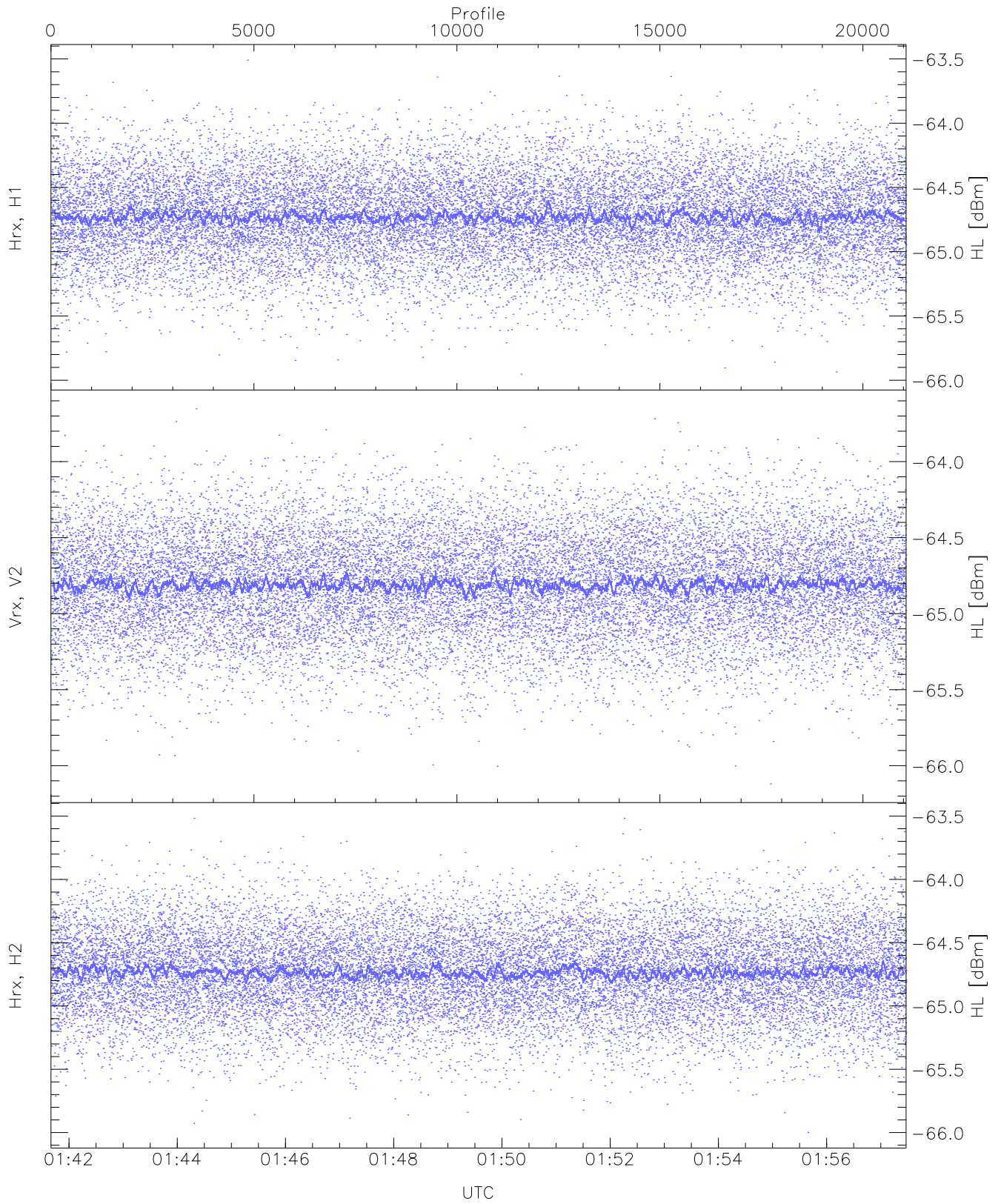
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.51	-65.25	-65.36	-65.36	-86.94
RMPHrxH1 (std_dBm)	-76.11	-74.72	-75.38	-75.38	-89.15
RMPVrxV2 (mean_dBm)	-65.13	-64.89	-65.02	-65.02	-86.63
RMPVrxV2 (std_dBm)	-75.79	-74.35	-75.03	-75.04	-88.85
RMPHrxH2 (mean_dBm)	-65.05	-64.81	-64.94	-64.94	-86.53
RMPHrxH2 (std_dBm)	-75.73	-74.21	-74.95	-74.95	-88.73



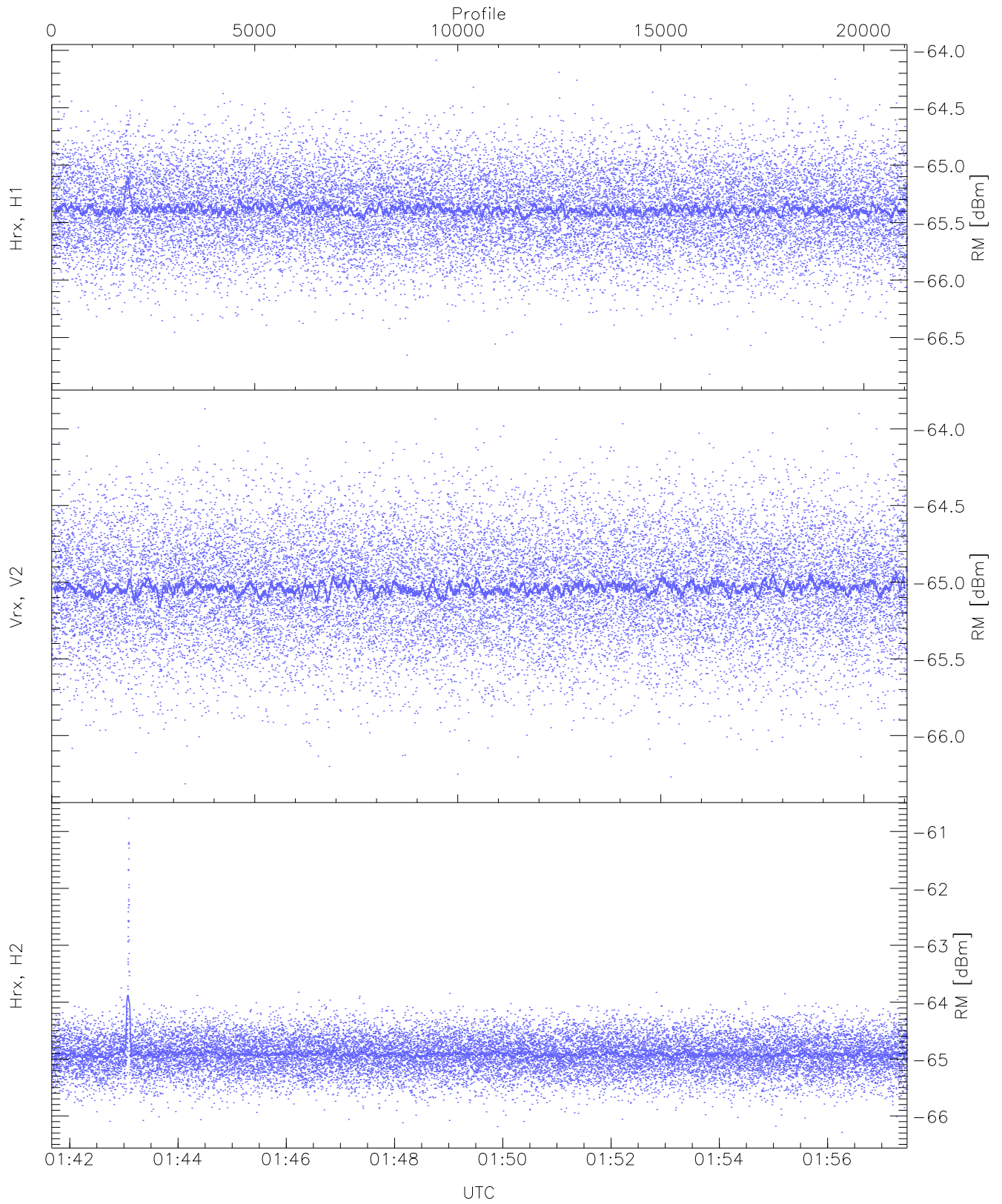
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.15	-63.82	-64.91	-64.92	-76.40
Vrx, V2 (WL [dBm])	-66.28	-63.82	-64.97	-64.98	-76.47
Hrx, H2 (WL [dBm])	-66.17	-63.71	-64.91	-64.92	-76.40



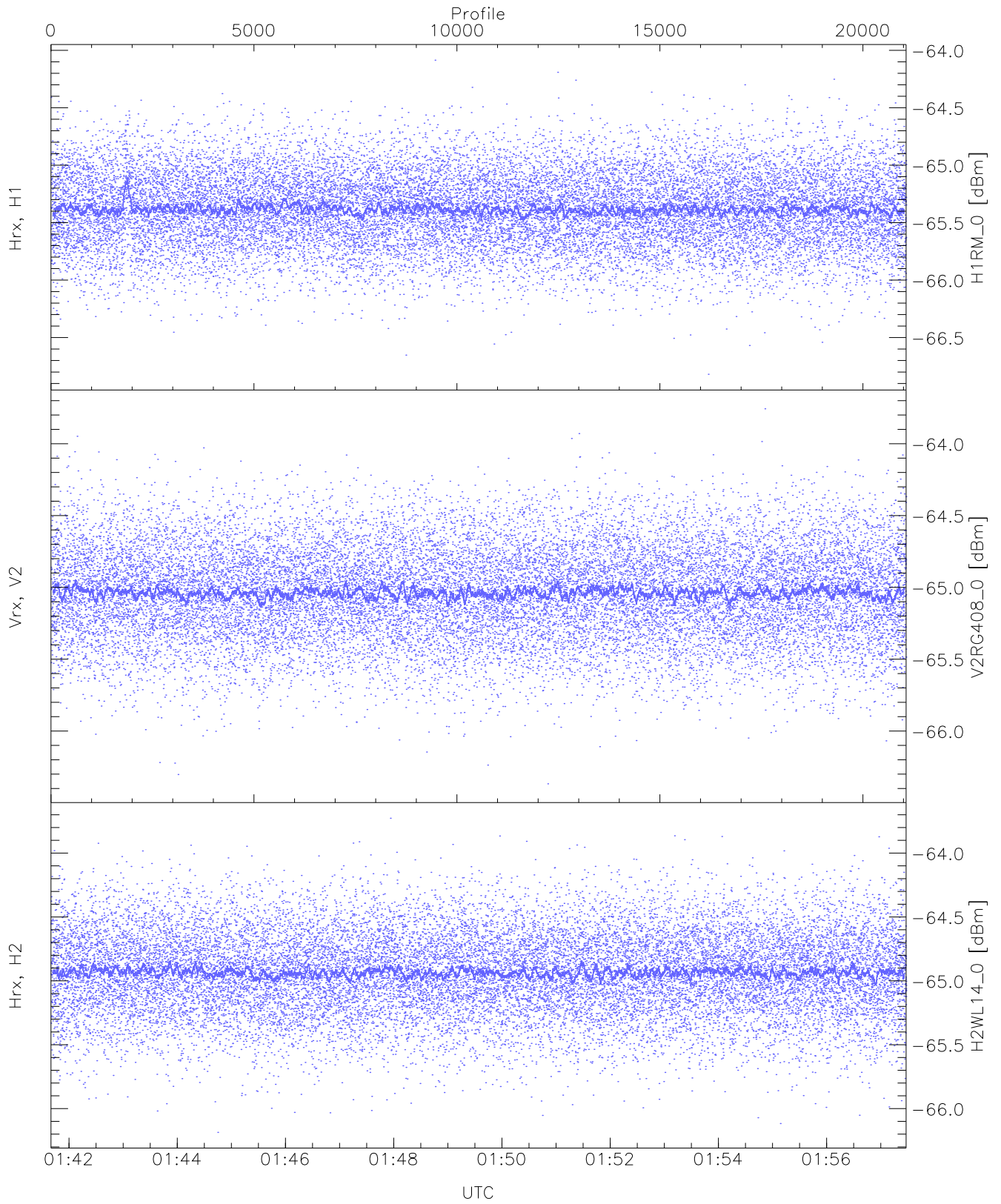
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.95	-63.51	-64.72	-64.73	-76.26
Vrx, V2 (HL [dBm])	-66.12	-63.65	-64.80	-64.81	-76.31
Hrx, H2 (HL [dBm])	-66.00	-63.52	-64.73	-64.73	-76.19



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

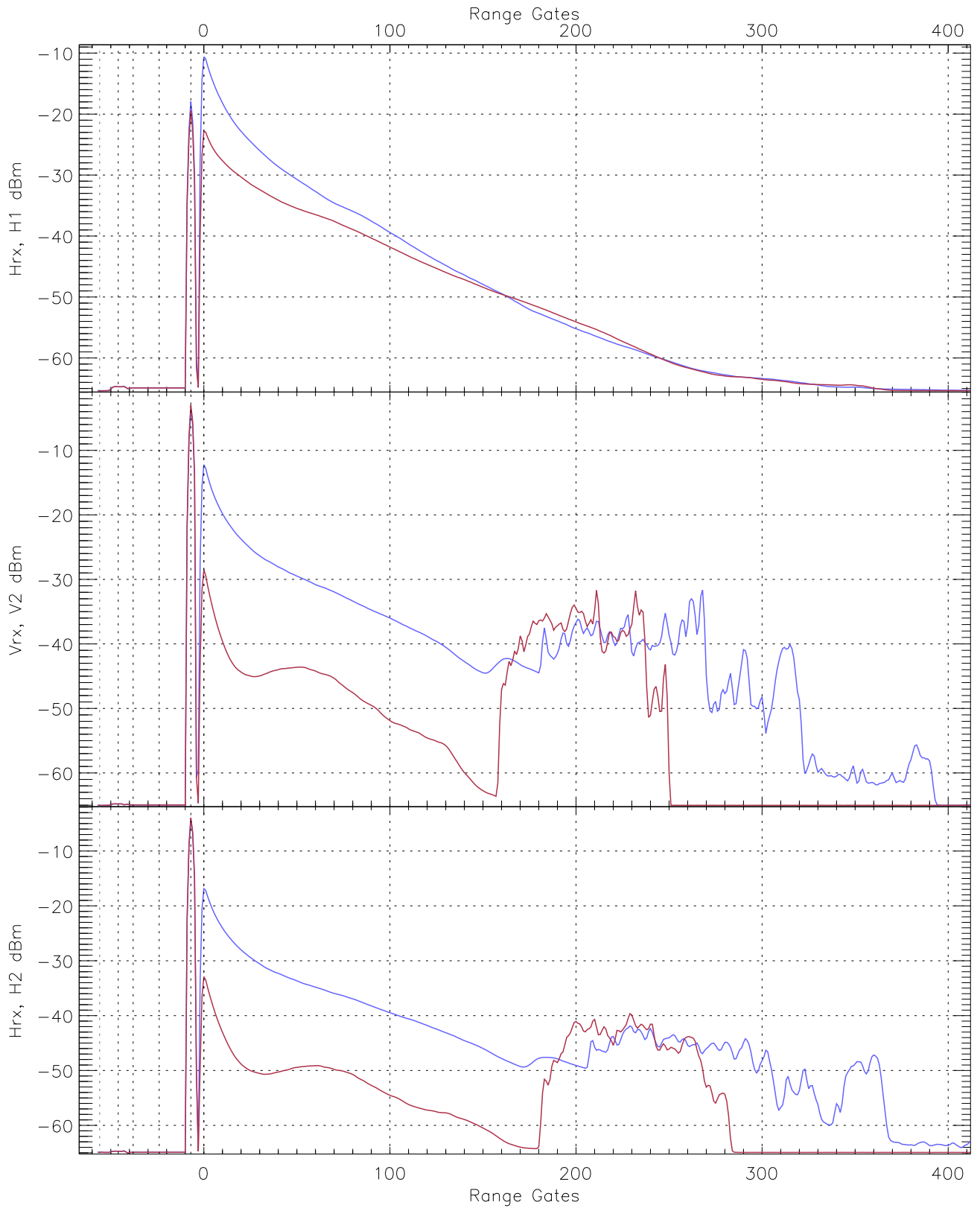
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.82	-64.09	-65.38	-65.38	-76.84
Vrx, V2 (RM [dBm])	-66.31	-63.87	-65.03	-65.04	-76.52
Hrx, H2 (RM [dBm])	-66.29	-60.77	-64.90	-64.92	-75.93



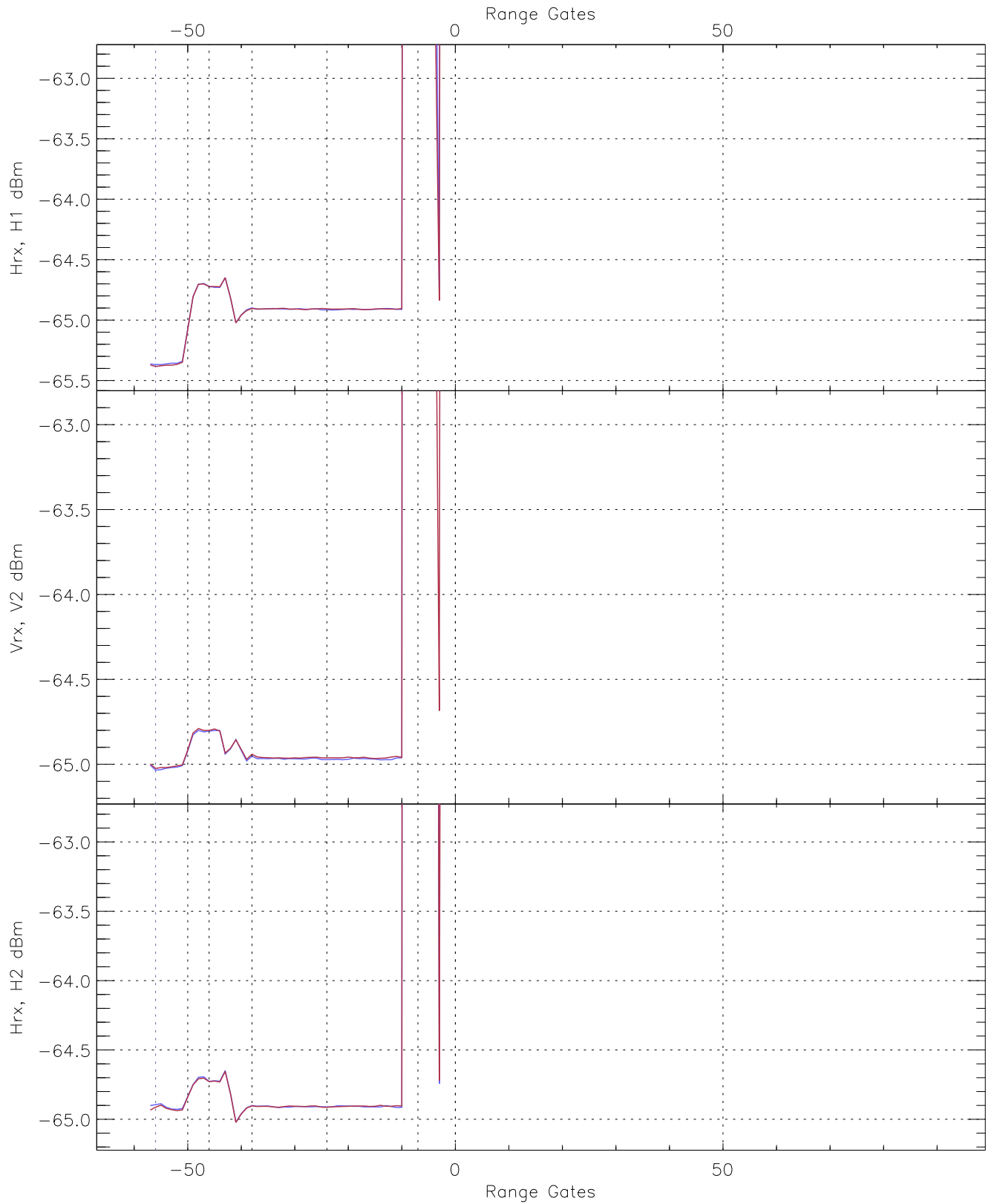
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.82	-64.09	-65.38	-65.38	-76.84
V2RG408_0 [dBm]	-66.37	-63.76	-65.03	-65.04	-76.52
H2WL14_0 [dBm]	-66.19	-63.73	-64.93	-64.93	-76.42

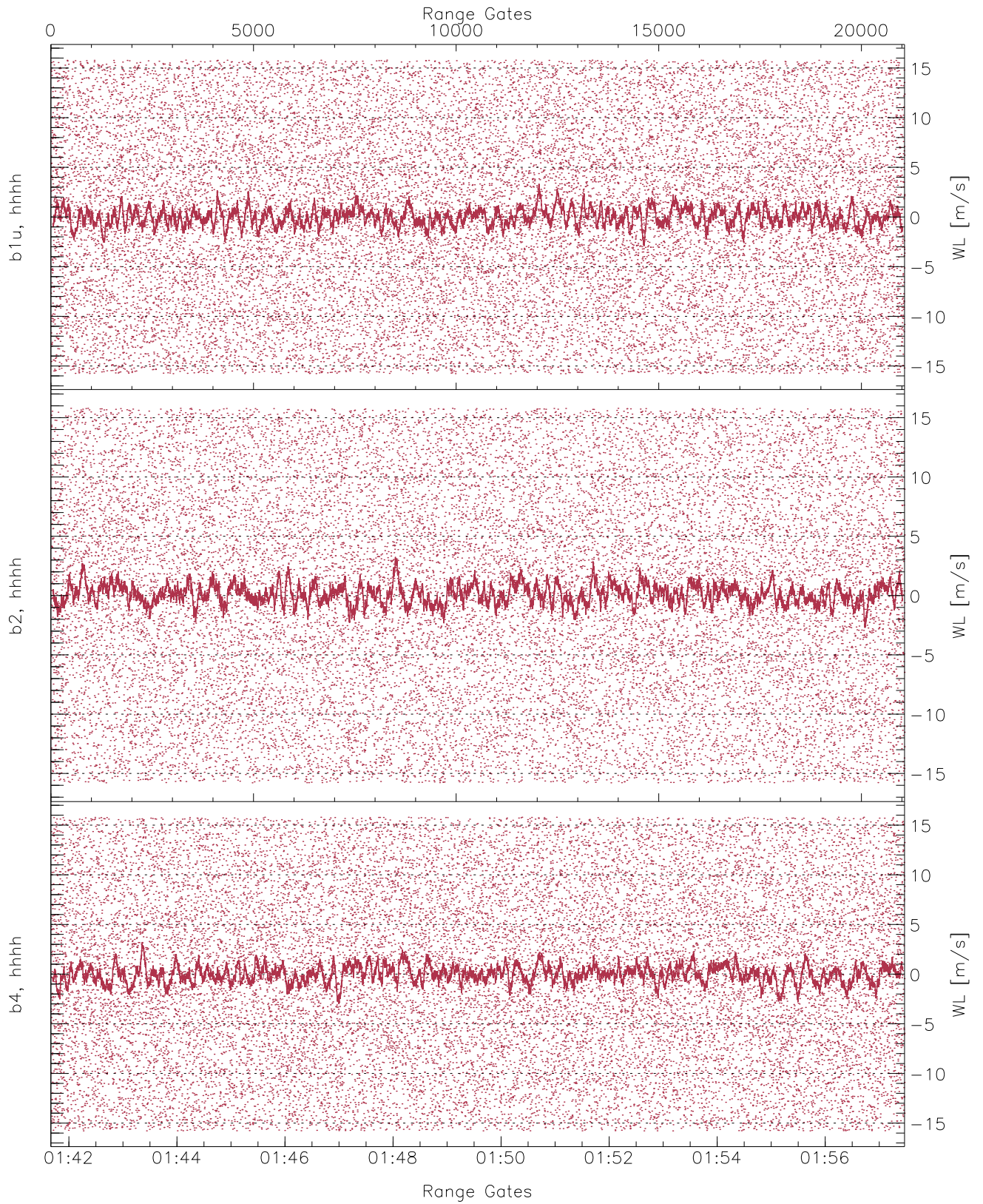




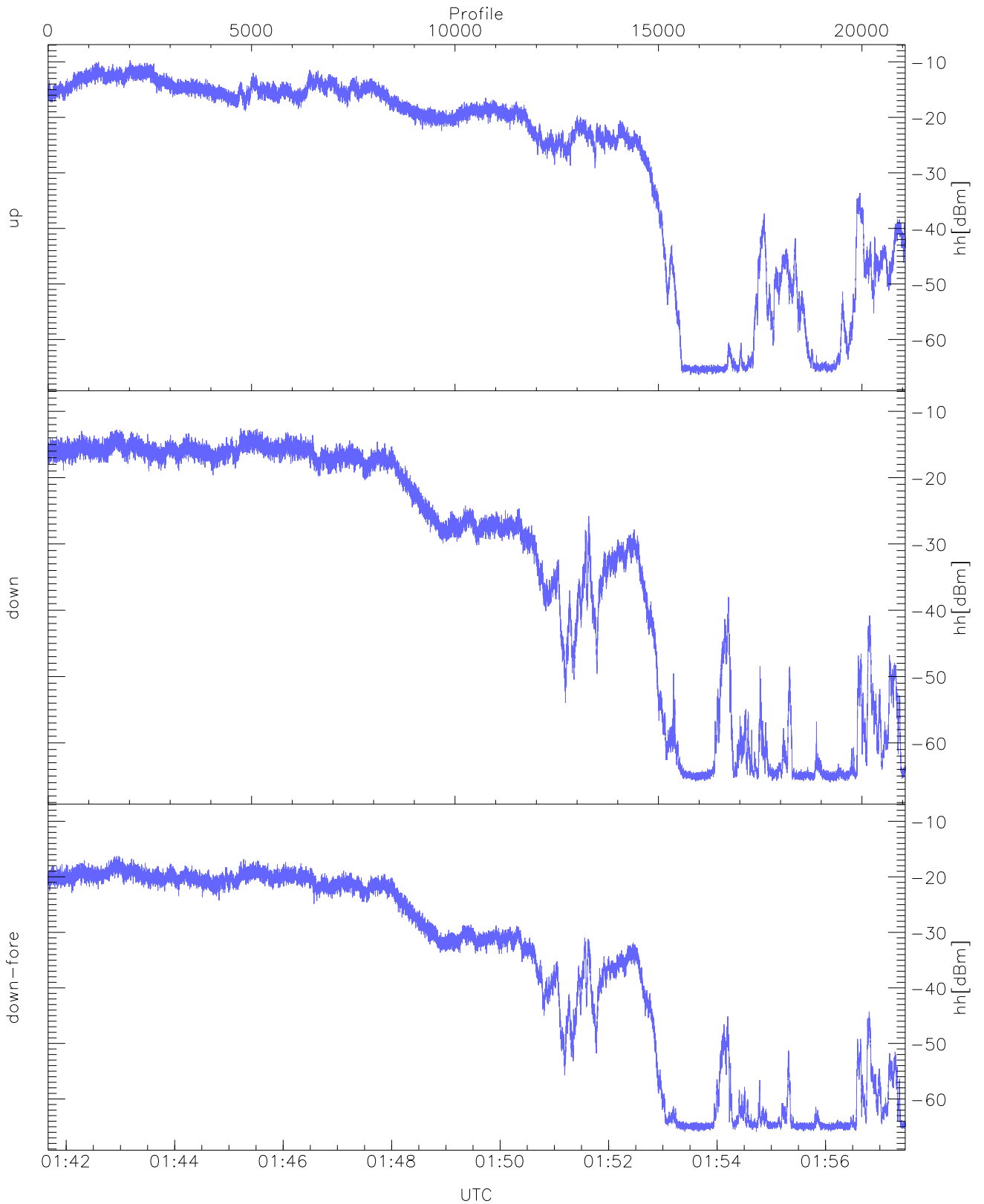
WCR3 CPP Averaged Received power for all recorded gates  
blue: 014140-014934, 10534 profiles averaged  
red: 014934-015728, 10533 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 014140-014934, 10534 profiles averaged  
red: 014934-015728, 10533 profiles averaged

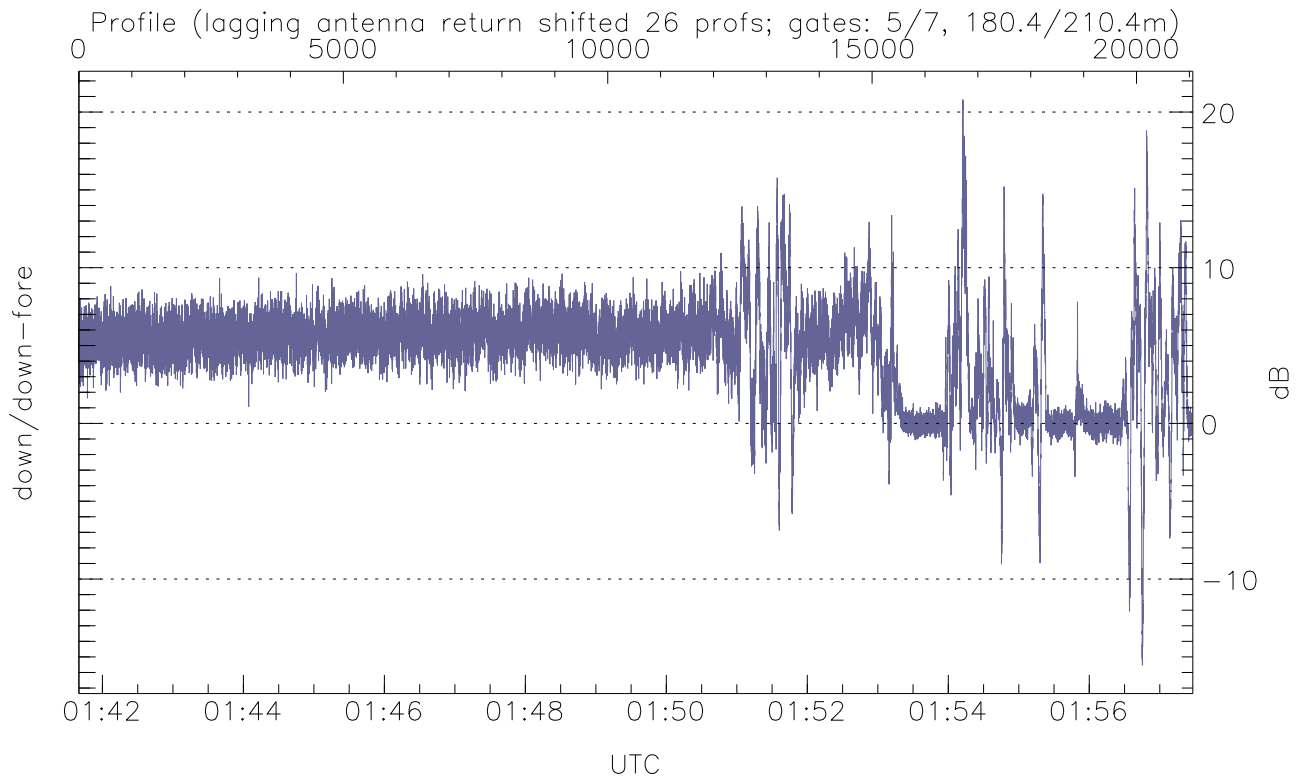
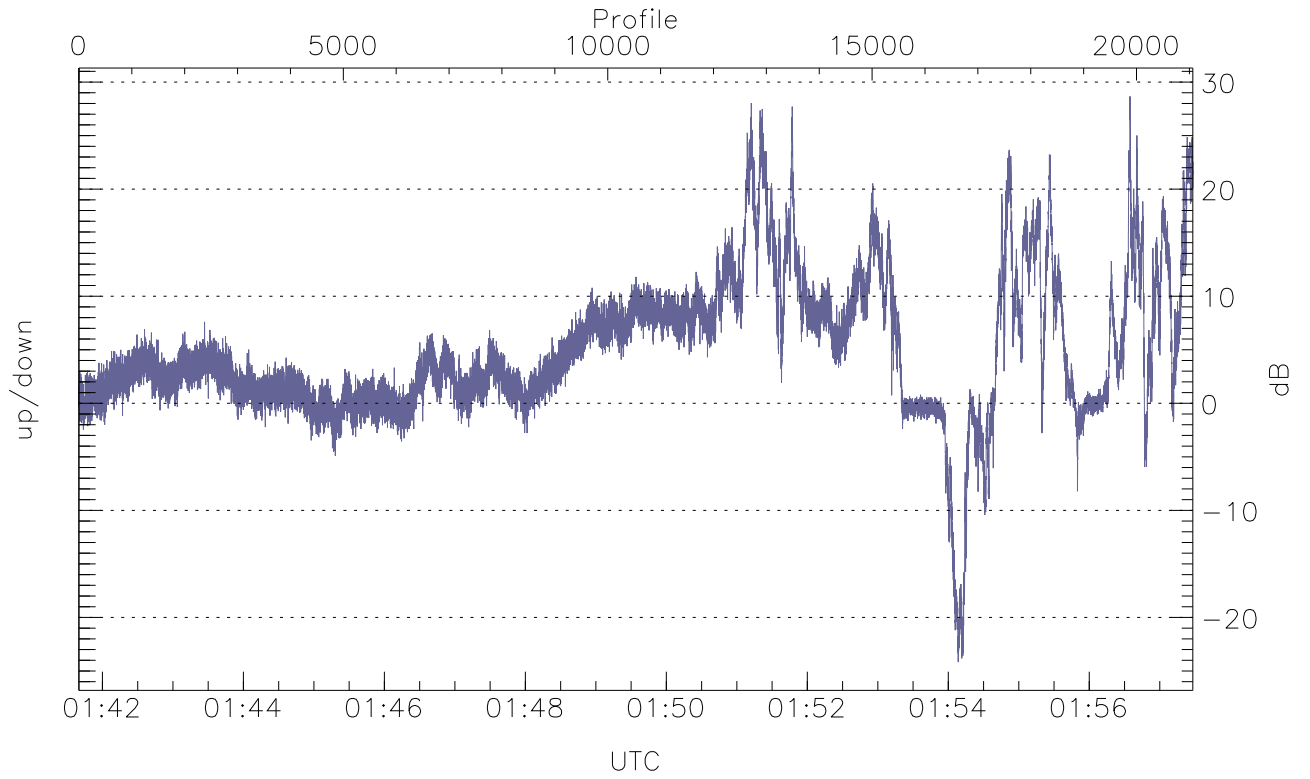


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



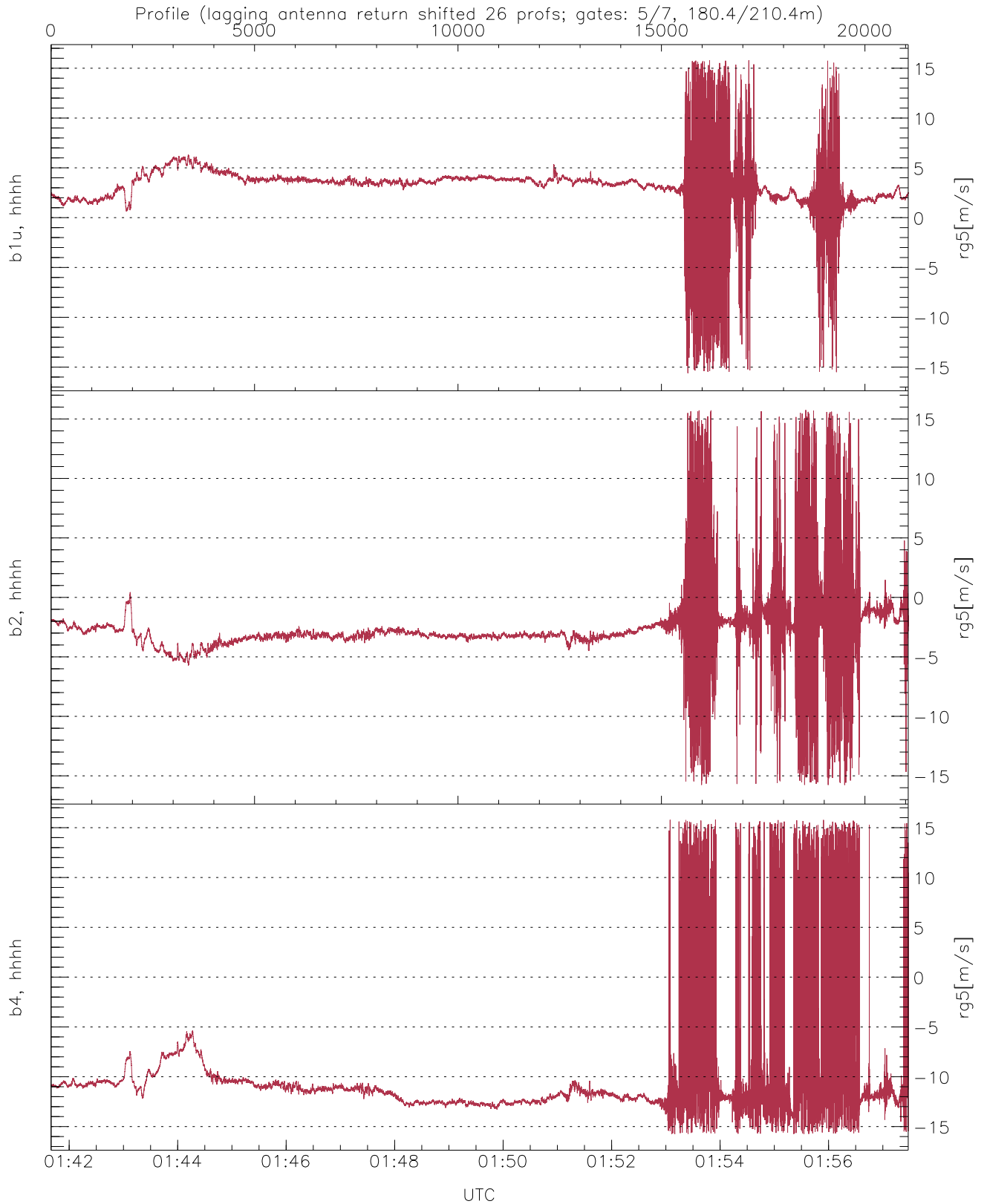
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.39	-9.73	-17.43
down(hh[dBm])	-65.95	-12.55	-19.60
down-fore(hh[dBm])	-65.89	-16.22	-23.82



WCR3 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down (dB)	-24.17	28.67	4.99
down/down-fore (dB)	-15.54	20.81	4.62



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.60	15.79	3.16	2.48
b2, hhhh(rg5[m/s])	-15.77	15.75	-2.65	2.72
b4, hhhh(rg5[m/s])	-15.76	15.79	-9.94	5.11